Analysis Seminar

Title: Metric approximation property of Lipschitz–free spaces over certain subsets of R^n.

Speaker: Filip Talimdjioski

Date: Tue 12th May 2020 at 4:00PM

Location: Seminar Room SCN 1.25

Abstract: t is known that the Lipschitz–free space over compact subsets of $(R^n, \|\cdot\|)$ that are 'locally downwards closed' (a type of boundary condition), has the metric approximation property, where $\|\cdot\|$ is an arbitrary norm on R^n (E. Pernecka and R. Smith, 2015). I will present a generalisation of this result, namely, that the Lipschitz–free space over any closed and locally downwards closed subset of $(R^n, \|\cdot\|)$ has the metric approximation property, where $\|\cdot\|$ is an arbitrary norm.

https://zoom.us/j/96672152151?pwd=eEZhY3NjZm45K1F6V2NiQWhqK0Rtdz09